an elevator, on which rest the bottom ends of said rods which are unlocked.

Claims 10. (original) The reconfigurable surface as described in claim 9, wherein said elevator is reset at the topmost position with all the locks released.

Claim 11. (original) The reconfigurable surface as described in claim 10, wherein the rods, which are coincidentally addressed, are locked as the elevator descends.

Claim 12. (currently amended) The reconfigurable surface as described in claim [3] 9, further comprising inflatable tubes to serve as brakes to lock the rods in position when inflated.

Claims 13. (original) The reconfigurable surface as described in claim 12, wherein said tubes are aligned in two dimensions for coincident addressing.

Claim 14. (original) The reconfigurable surface as described in claim 13, where said tubes are aligned in two orthogonal directions.

Claim 15. (original) The reconfigurable surface as described in claim 13, further comprising a frame having via holes for guiding said rods, and having horizontal grooves for holding said tubes.

Claims 16-17 (canceled).

Claim 18. (original) The reconfigurable surface as described in claim 7, wherein said flexible surface is sucked against said tips by gravity.

Claim 19. (currently amended) A reconfigurable surface [as described in claim 1], comprising:

a flexible surface; and

a matrix of rods for contouring said flexible surface to a desired shape, wherein said flexible surface is [air] formed by the tips of said rods.

Claim 20 (canceled)

Claim 21. (currently amended) A reconfigurable surface [as described in claim 20, further comprising], comprising:

a flexible surface;

a matrix of rods for contouring said flexible surface to a desired shape,

wherein the reconfigurable surface serves as screen in an image projection system; and

geographical features are optically [are] projected from a projector onto said flexible surface, and computer means to correct the offset of horizontal positioning of said features due to the topology of said flexible surface.